

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"4992933".pn.	US-PGPUB; USPAT	OR	ON	2007/11/05 11:58
L2	0	"4992933"" .pn.S33"	US-PGPUB; USPAT	OR	ON	2007/11/05 11:58
L3	372	reverse near2 (vector or array) near2 order	US-PGPUB; USPAT	OR	ON	2007/11/05 11:58
L4	372	L3	US-PGPUB; USPAT	OR	ON	2007/11/05 11:58
L5	113	(708/420-421).CCLS.	USPAT; USOCR	OR	OFF	2007/11/05 11:58
L6	111	L5	US-PGPUB; USPAT	OR	ON	2007/11/05 11:59
S1	14	("5241677" "5535387" "5630129" "5850489" "5892517" "5966528" "0581773" "6078945" "6219776" "6279088" "6292822" "6404439" "6421772" "6430618").PN.	US-PGPUB; USPAT	OR	ON	2007/11/05 10:59
S2	14	("5241677" "5535387" "5630129" "5850489" "5892517" "5966528" "5581773" "6078945" "6219776" "6279088" "6292822" "6404439" "6421772" "6430618").PN.	US-PGPUB; USPAT	OR	ON	2006/03/03 10:14
S3	1	"6185667".pn.	US-PGPUB; USPAT	OR	ON	2006/03/03 14:02
S4	100	"matrix reflection"	US-PGPUB; USPAT	OR	ON	2006/03/03 14:07
S5	1	"6877020".pn.	US-PGPUB; USPAT	OR	ON	2006/03/03 14:22
S6	1351	712/10-22.ccls.	US-PGPUB; USPAT	OR	ON	2006/03/03 14:22
S7	288	S6 and reflect\$3	US-PGPUB; USPAT	OR	ON	2006/03/03 14:23
S8	6	S6 and (matrix with reflect\$3)	US-PGPUB; USPAT	OR	ON	2006/03/03 14:25
S9	36	S6 and (matrix with transform)	US-PGPUB; USPAT	OR	ON	2006/03/03 14:33
S10	889197	matrix or array	US-PGPUB; USPAT	OR	ON	2006/03/03 14:33
S11	325	S10 adj reflection	US-PGPUB; USPAT	OR	ON	2006/03/03 14:34
S12	41	matrix near flip	US-PGPUB; USPAT	OR	ON	2006/03/03 14:49

## EAST Search History

S13	11	reverse with queue with shift	US-PGPUB; USPAT	OR	ON	2006/03/03 14:52
S14	3463	matrix same flip	US-PGPUB; USPAT	OR	ON	2006/03/03 14:52
S15	10	S14 and S6	US-PGPUB; USPAT	OR	ON	2006/03/03 14:55
S16	1601	(flip\$4 or reflect\$3 or revers\$3) near matrix	US-PGPUB; USPAT	OR	ON	2006/03/03 14:57
S17	13	S16 and S6	US-PGPUB; USPAT	OR	ON	2006/03/03 15:00
S18	239	matrix with (horizontal or vertical) near shift	US-PGPUB; USPAT	OR	ON	2006/03/03 15:01
S19	3	S18 same (flip or reverse or reflect)	US-PGPUB; USPAT	OR	ON	2006/03/03 15:02
S20	3786	matrix with mirror	US-PGPUB; USPAT	OR	ON	2006/03/03 15:02
S21	226	matrix with "mirror image"	US-PGPUB; USPAT	OR	ON	2006/03/03 15:39
S22	1	S21 and S6	US-PGPUB; USPAT	OR	ON	2006/03/03 15:03
S23	1	S16 and 712/300.ccls.	US-PGPUB; USPAT	OR	ON	2006/03/03 15:42
S24	165	matrix near2 flip	US-PGPUB; USPAT	OR	ON	2006/03/03 15:42
S25	4	S24 same (rotate or shift) near2 (row or column)	US-PGPUB; USPAT	OR	ON	2006/03/03 15:43
S26	49	"horizontal flip" same image	US-PGPUB; USPAT	OR	ON	2006/03/06 08:32
S27	4252	row with rotate	US-PGPUB; USPAT	OR	ON	2006/03/06 08:32
S28	39914	(row or vector or array) with (rotate or shift)	US-PGPUB; USPAT	OR	ON	2006/03/06 08:34
S29	232155	(image or vector or array or matrix) near3 (flip\$4 or revers\$3 or mirror or reflect\$3)	US-PGPUB; USPAT	OR	ON	2006/03/06 08:34
S30	1097	S29 same S28	US-PGPUB; USPAT	OR	ON	2006/03/06 08:34
S31	177962	(image or vector or array or matrix) near (flip\$4 or revers\$3 or mirror or reflect\$3)	US-PGPUB; USPAT	OR	ON	2006/03/06 08:34
S32	10010	(row or vector or array) near2 (rotate or shift)	US-PGPUB; USPAT	OR	ON	2006/03/06 08:34
S33	127	S31 same S32	US-PGPUB; USPAT	OR	ON	2006/03/06 08:55

## EAST Search History

S34	272	reverse near2 (vector or array) near2 order	US-PGPUB; USPAT	OR	ON	2006/03/06 09:48
S35	1	S34 with (rotate or shift)	US-PGPUB; USPAT	OR	ON	2006/03/06 08:56
S36	106	(708/420-421).CCLS.	USPAT; USOCR	OR	OFF	2006/03/06 09:50
S37	4	S36 and (flip or reverse or reflect or mirror or transpose or invert).ab.	US-PGPUB; USPAT	OR	ON	2006/03/06 10:20
S38	151	(708/514,520).CCLS.	USPAT; USOCR	OR	OFF	2006/03/06 10:25
S39	1	S38 and (flip or reverse or reflect or mirror or invert).ab.	US-PGPUB; USPAT	OR	ON	2006/03/06 10:26
S40	54	S38 and (flip or reverse or reflect or mirror or invert)	US-PGPUB; USPAT	OR	ON	2006/03/06 10:27
S41	28	("3711692"   "3723715"   "4139899"   "4161784"   "4393468"   "4418383"   "4498177"   "4707800"   "4771379"   "4989168"   "5095457"   "5168571"   "5187679"   "5193167"   "5268995"   "5327543"   "5335321"   "5390135"   "5408670"   "5423010"   "5465374"   "5487159"   "5499376"   "5541865"   "5598514"   "5630174"   "5664218"   "5757432").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/06 10:42
S42	30	(345/644).CCLS.	USPAT; USOCR	OR	OFF	2006/03/06 10:42
S43	1404440	array or matrix or image or bitmap or pixmap	US-PGPUB; USPAT	OR	ON	2006/03/06 14:30
S44	1010001	flip or transpose or invert or reflect or reverse	US-PGPUB; USPAT	OR	ON	2006/03/06 14:30
S45	13752	S43 near S44	US-PGPUB; USPAT	OR	ON	2006/03/06 14:31
S46	6	S45 same (row or column) near (shift or rotate)	US-PGPUB; USPAT	OR	ON	2006/03/06 14:31
S47	28	("3016527"   "3675212"   "5173695"   "5177704"   "5481487"   "5510852"   "5740283"   "5754186"   "5768445"   "5798767"   "5844854"   "5875355"   "5878267"   "5943058"   "5946113"   "5963744"   "5974380"   "5990812"   "6021420"   "6122690"   "6122722"   "6145077"   "6201530"   "6219457"   "6232990"   "6246347"   "6404816").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/06 14:32

## EAST Search History

S48	77	reflect near2 "x-axis"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 15:01
S49	3	("4783738"   "4825359"   "4922418").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/06 15:02
S50	69	("4992933").URPN.	USPAT	OR	ON	2006/03/06 15:03
S51	3	"0208457"	US-PGPUB; USPAT; EPO	OR	ON	2006/03/06 15:11